

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method for measuring by a terminal a service data amount received or transmitted at a terminal equipment (TE) ~~in a call connection networking between the TE and a network comprising:~~

monitoring at a mobile communications terminal, packets received or transmitted between a terminal equipment (TE) the TE and a network the network at the terminal to determine if a monitored received or transmitted packet corresponds to a control packet indicating a control protocol setup state of the TE is established;

cumulatively counting at the mobile communications terminal a number of all packets, excluding packets added during a protocol stack setting process, received or transmitted until every protocol session of the TE is released if the control packet indicates the control protocol setup state of the TE is established, the counting allowing the mobile communications terminal to determine a service data amount received or transmitted at the TE; and

displaying the counted number of packets on a display of the terminal mobile communications terminal, the counted packets displayed on the terminal including only data in a payload of a transmission control protocol layer,

wherein the monitoring and the counting are performed by the mobile communications terminal during a call connection networking between the TE and the network.

2. – 4. (Canceled).

5. (Original) The method of claim 1, wherein the terminal operates as a modem of the TE.

6. (Canceled)

7. (Previously Presented) The method of claim 1, further comprising storing the counted number of packets in a non-volatile memory of the terminal, and allowing a user to delete or initialize the counted number of packets via a user interface.

8. (Previously Presented) The method of claim 7, wherein the user searches the stored counted number of packets by a search function through the user interface.

9. (Canceled).

10. (Currently Amended) A method for measuring a service data amount in a call connection networking between a terminal equipment (TE) and a network, comprising:

monitoring at a mobile communications terminal, packets received or transmitted between the TE and the network ~~at a terminal~~ to determine if a monitored received or transmitted packet corresponds to a control packet indicating a control protocol setup state of the TE is established;

measuring at the mobile communications terminal an amount of provided data between the TE and the network when the control packet indicates a channel for data transmission is set between the TE and the network; and

displaying the measured amount of data on a screen of the terminal,

wherein the monitoring and the measuring are performed by the mobile communications terminal during a call connection networking between the TE and the network,  
and

wherein measuring the amount of provided data comprises:

removing a header and tailer from said packets received or transmitted between the TE and the network such that the measured amount of provided data corresponds only to the payload portions of the packets; and

counting a number of received or transmitted payload portions as the measured amount of data, and

wherein the measurement of the data amount is performed from a point when the transmission is set to a point when every protocol session of the TE is terminated.

11. (Canceled)

12. (Previously Presented) The method of claim 10, wherein the payload portions comprise a payload of a transmission control protocol layer.

13. (Canceled).

14. (Previously Presented) The method of claim 10, wherein the terminal operates as a modem of the TE.

15. (Currently Amended) A method for measuring a service data amount using a mobile communications terminal in a call connection networking between a terminal equipment (TE) and a network, comprising:

determining, by the mobile communications terminal, if a received or transmitted packet corresponds to a control packet indicating a control protocol setup state of the TE is established;

starting to count by the mobile communications terminal only payload portions of packets received or transmitted between the TE and the network when determining the control packet indicates the control protocol setup state of the TE is established, the counting allowing the mobile communications terminal to identify a service data amount received or transmitted at the TE; and

displaying, on the mobile communications terminal, the number of counted received and transmitted payload portions when the protocol setup state of the TE is ~~released~~released.

wherein the determining and the counting are performed by the mobile communications terminal during a call connection networking between the TE and the network.

16. (Previously Presented) The method of claim 15, wherein the terminal functions as a modem of the TE.

17. (Previously Presented) The method of claim 15, further comprising storing the counted number of packets in a non-volatile memory of the terminal, and allowing a user to delete or initialize the counted number of packets via user interface.

Serial No. **10/619,550**

Docket No. **P-0566**

Amendment dated January 16, 2007

Reply to Office Action of October 16, 2006

18. (Previously Presented) The method of claim 17, wherein the user searches the stored counted number of packets by a search function through a user interface included with the mobile terminal.